

# EAGLE SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-E205-828 REV. B OR LATER APPROVED REVISIONS  
REF. TCCA STC: SH13-46  
REF. FAA STC: SR03461NY

Eagle Service Instruction Number: **ESI 9739**

Description: **E4702-041 Ladder Modification**

## Purpose:

During the installation of the E205-828-011 Dual Hydraulic Collective Control System, it has been discovered that some aircraft may vary with respect to the location (height) of the lift beam. This variation may cause the holes at either end of the E4702-041 Ladder Assembly to be mis-aligned with their attachment holes. This ESI give instructions for the removal of material in order to achieve alignment of the attachment holes.

## Procedure:

1. Remove material from the bottom of the E4702-041 Ladder Assembly in the area of the lift beam attachment for the purposes of achieving alignment of the Ladder Assembly attachment holes to a maximum of 0.060". See Figure 1 for details.





Note: Surface finish after machining must be no greater than 80 microinch

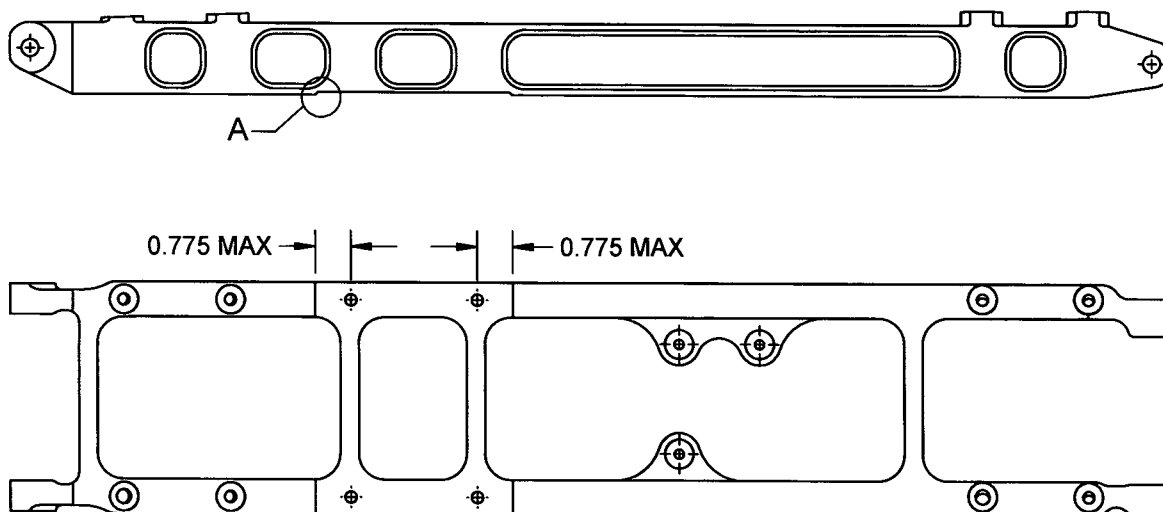
2. Liquid Penetrant Inspect part after machining per ASTM 1417 Level 2
3. Touch up machined surface with Alodine 1200/1201 per MIL-C-5541 and prime per aircraft Maintenance Manual

## Weight and Balance:

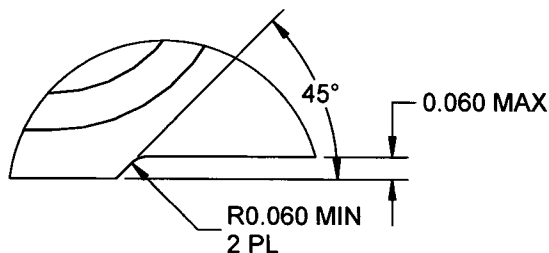
Compliance with this ESI has a negligible effect on aircraft weight and balance.

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
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CERT. NO.:	SH13-46
ISSUE NO.:	1

A	NEW ISSUE		16.01.13
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MFG. APPR.	JLM	ESI-9739	SHEET 1 OF 2
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DE APPR.		E4702-041 LADDER MOD	NTS
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**FIGURE 1 - D4702-041 LADDER MODIFICATION**  
(SERVO ATTACHMENT BOLTS REMOVED FOR CLARITY)



**DETAIL A**  
TYP 4 PL

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 16.01.13  
CERT. NO.: SH13-46  
ISSUE NO.: 1

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